

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/18082

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(7) : B23P 17/00 US CL : 29/894.324 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 29/894.324, 894.325, 894.35, 894.353, 894.354, 894.36, 894.362 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,092,040 A (KATO et al.) 03 March 1992 (03.03.1992). Note Figure 21 and column 15, lines 14-20.	1-23
A	US 4,304,114 A (WIIG) 08 December 1981 (08.12.1981). Note Figure 6 and column 4, lines 35-51.	1-23
A	US 4,645,267 A (WELD) 24 February 1987 (24.02.1987). Note Figures 11 and 12, and column 7, lines 44-46.	1-23
A	US 5,303,463 A (POLLARD) 19 April 1994 (19.04.1994). Note Figure 1 and column 2, lines 33-35.	1-23
A	US 4,451,963 A (KARR et al.) 05 June 1984 (05.06.1984). Note Figure 1; column 4, lines 38-44; and column 6, lines 52-61.	1-23
A	US 6,173,213 B1 (AMIGUET et al.) 09 January 2001 (09.01.2001). Discloses wheel style mapping recognition.	1-23
A	US 3,951,563 A (RAVENHALL) 20 April 1976 (20.04.1976). Discloses sensor recognition of wheel shape and corresponding machining based on sensed shape.	1-23
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 07 January 2005 (07.01.2005)		Date of mailing of the international search report 15 FEB 2005
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Authorized officer David P. Bryant Telephone No. 703-308-1146

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Continuation of Item 4 of the first sheet:  
The title is too long. The new title is as follows:

**METHOD FOR IDENTIFICATION MARKING A VEHICLE WHEEL**

Continuation of B. FIELDS SEARCHED Item 3:

EAST text search. Search terms: wheel, automobile, car, vehicle, marking, mark, ID, code, barcode, ID mark, marking marked, marks, identifying, identification